



Application Type     New      
Facility Type     IW Stormwater      
Major / Minor     Minor    

**NPDES PERMIT FACT SHEET  
INDIVIDUAL INDUSTRIAL WASTE (IW)  
AND IW STORMWATER**

Application No.     PA0231886      
APS ID     1147255      
Authorization ID     1543885    

**Applicant and Facility Information**

Applicant Name	<u>    RES Water Avis, LLC    </u>	Facility Name	<u>    RES Water Canton    </u>
Applicant Address	<u>    1373 Washington Pike Suite 200 Bridgeville, PA 15017-2837    </u>	Facility Address	<u>    7918 Route 14 Canton, PA 17724-7104    </u>
Applicant Contact	<u>    Matthew Kicinski    </u>	Facility Contact	<u>    Nathan Keller    </u>
Applicant Phone	<u>    412-221-2034    </u>	Facility Phone	<u>    412-221-2034    </u>
Client ID	<u>    381438    </u>	Site ID	<u>    868732    </u>
SIC Code	<u>    1389    </u>	Municipality	<u>    Canton Township    </u>
SIC Description	<u>    See Narrative    </u>	County	<u>    Bradford    </u>
Date Application Received	<u>    September 24, 2025    </u>	EPA Waived?	<u>    Yes    </u>
Date Application Accepted	<u>    October 28, 2025    </u>	If No, Reason	<u>    Not Applicable    </u>
Purpose of Application	<u>    Permit to authorize stormwater associated with industrial activities    </u>		

**Summary of Review**

INTRODUCTION

RES Water Avis, LLC (RES) has applied for an industrial stormwater permit for their RES Water Canton location in Canton Township, Bradford County.

See Attachment 01 for a map of the location.

APPLICATION

Matthew Kicinski, President of RES Water Avis, LLC (RES) of Bridgeville, PA, has submitted the *PAG-03 NPDES General Permit for Discharges of Stormwater Associated with Industrial Activities Notice of Intent (NOI)* (DEP #3850-PM- BCW0083b). This application was received by the Department via the Department's ePermitting system on June 17, 2025, and considered administratively complete on July 02, 2025.

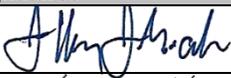
Matthew Kicinski is the client contact. His contact information is (phone) 412-221-2034 and (email) [mkicinski@reswater.com](mailto:mkicinski@reswater.com). The site contact is Nathan Keller, Director. His contact information is (phone) 412-221-2034.

PUBLIC PARTICIPATION

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested people for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

The case-file, permit application package and draft permit will be available for public review at Department's Northcentral Regional Office. The address of this office is 208 West Third Street, Suite 101, Williamsport, PA 17701. An appointment can be made to review these materials during the comment period by calling the file coordinator at 570-327-3636.

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Approve	Return	Deny	Signatures	Date
X			Jeffrey J. Gocek, EIT Project Manager 	March 18, 2026
X			Nicholas W. Hartranft, PE Environmental Engineer Manager 	March 18, 2026

## Summary of Review

### PREVIOUS APPLICATION - PERMIT COVERAGE

A general NPDES permit coverage, *Authorization to Discharge Under the NPDES General Permit for Discharges of Stormwater Associated with Industrial Activities* (PAG-03), was issued August 22, 2025. Despite the application materials explaining that all precipitation captured in the secondary containment would be pumped into the receiving tanks to be comingled and recycled as RWC 899, conversations with the applicant proved that information to be incorrect and released discharges would occur during the permit term. Because of this, the Department requires an individual permit application. Residual Waste Code (RWC) 899 references *Other Oil and Gas Wastes*, defined as "all remaining oil and gas wastes other than those already covered under existing RWCs". This does not include rainwater that is collected in a containment area that has not been mixed with residual waste. See DEP document #2540-PM-BWM0404. Residual waste codes are used by the Department to identify and manage non-hazardous industrial waste generated in Pennsylvania.

### COMPLIANCE HISTORY

The WMS Query *Open Violations by Client* revealed no unresolved violations for RES.

No Department inspections have been conducted to date.

### FACILITY DESCRIPTION

This facility is a dedicated production fluids storage facility in Canton Township, Bradford County. This existing facility has been designed to store the residual waste associated with the production of natural gas. Two tanks are present, each with a volume of 4,360,000 gallons. The total area of the site is 156,236 square feet with an industrial area of 100,746 square feet. 64.5% of the site is impervious.

A secondary containment system provides 110% of the storage volume and was built to conform to 25 PA § 299.12(b)14. The system employs a five-foot four-inch retaining wall. Each tank includes leak detection collection pipes which are inspected daily. Each tank maintains two feet of freeboard. Ultra-sonic level indicators have a high-level alarm set at 22.5 feet. The secondary containment will capture precipitation during storm events.

RES reported a primary Standard Industrial Classification (SIC) code of 1389 (*Oil and Gas Field Services, Not Elsewhere Classified*). For general NPDES permit coverages, the Department regulates industrial stormwater from SIC 1389 facilities through Appendix J (*Additional Facilities*).

See Attachment 02 for a site schematic.

### OUTFALL 001

Outfall 001 is located at latitude 41°37'20" and longitude -76°52'18". Due to the secondary containment, discharges will only occur as releases pumped from a sump pump.

See Attachment 03 for a site schematic with outfall location identified.

### PPC PLAN

The Preparedness, Prevention and Contingency (PPC) Plan for this facility was last revised in September 2025. Best Management Practices (BMPs) employed at the site include pre-release planning, material compatibility, inspection and monitoring, preventative maintenance, housekeeping, security and employee training. See below for the PPC Plan descriptions of operation and discharge.

#### Facility Operation

Before any truck unloads its volume of residual waste, a technician will sample and inspect the contents for hydrocarbon odor, drip gas and any visible light-end hydrocarbon. A closed cup flash test at 140°F will be performed before unloading. Other tests include pH, specific conductance, metals and specific gravity. If the wastewater is approved, the truck will proceed to the receiving station, which contains six off-loading points. The truck driver is responsible for connecting to the designated off-loading station. The wastewater is then conveyed to frac tanks, which will remove rocks, dirt and other unwanted material by settling. The off-loading area is an asphalt surface with curbing and concrete trench drains equipped with sump pumps which convey any water, including spillage and precipitation, to the receiving frac tanks. The six frac tanks each have a volume of 21,000 gallons, which is adequate to contain the entire load of the largest tank truck. Each tank is equipped with a lead/lag/high alarm system.

The site operator will conduct bi-weekly inspections and observe and measure precipitation accumulation.

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### Summary of Review

#### Surface Water Discharge Scenario

The secondary containment will collect runoff during precipitation events. The water collected in the secondary containment is required to be removed periodically to avoid freezing and excessive accumulation in the winter. As part of any regular inspection, the operator can observe and measure rainfall accumulation. All captured accumulation will be removed by a sump pump installed within a secondary containment sump. Prior to discharge, the collected precipitation will be tested at an internal monitoring point (the sump) to verify that it meets the facility's parameters and sampled for parameters outlined in the facility's NPDES Permit. Acceptable results will be recorded in the operations log. The discharge test parameters (with acceptable result) specified in the PPC Plan are pH (5.0 to 9.0 SU), Total Dissolved Solids (TDS, < 1,000 ppm) and Electrical Conductivity (EC, < 2.0 mS/cm). Any unacceptable condition will result in the rainwater being pumped into the receiving tanks to be comingled and recycled as RWC 899. The precipitation that meets discharge conditions will be directed to a single outfall that will direct the water off-site in a non-degrading fashion.

#### RECEIVING STREAM

The receiving stream is an Unnamed Tributary to Towanda Creek. This stream is identified by Department stream code 30649. This Unnamed Tributary to Towanda Creek is in (Chapter 93) drainage list I and state water plan 4C (Sugar and Towanda Creeks). This stream, according to 25 PA § 93.91, is protected for Cold Water Fishes (CWF) and Migratory Fishes (MF). These are the stream's Designated Uses. This stream has no Existing Use. The stream is attaining its designated uses for both aquatic life and fish consumption.

#### EFFLUENT LIMITATIONS

Effluent limitations for pH from 6.0 to 9.0 are in accordance with 25 PA § 95.2(1).

The effluent limitation for Total Dissolved Solids (TDS) of 1,000 mg/L is based on the testing requirement specified in the RES PPC Plan.

#### MONITORING PARAMETERS

For general permit coverages (PAG-03), the Department regulates industrial stormwater from SIC 1389 facilities through Appendix J (Additional Facilities). Appendix J requires once per six months sampling of Total Nitrogen, Total Phosphorus, Total Suspended Solids (TSS), Oil and Grease, pH and Chemical Oxygen Demand (COD). TSS, Oil and Grease, pH and COD are based on the Appendix J.

An additional industry-related parameter is Osmotic Pressure, which is an indicator of TDS in wastewater.

#### MONITORING FREQUENCY

pH, TSS and TDS will be monitored *Daily When Discharging*, while COD, Oil and Grease and Osmotic Pressure will be monitored *Once Per Six Months*.

#### STORMWATER BENCHMARK CONCENTRATIONS

The permit will contain benchmark values for several parameters. These are not effluent limitations. They represent the threshold concentration for the determination of whether existing site BMPs are effective in controlling or preventing stormwater pollution. Two consecutive monitoring period exceedances will require the permittee to develop and submit a corrective action plan (CAP). See below table.

Pollutant	Benchmark Values
Total Suspended Solids (TSS) (mg/L)	100
Oil and Grease (mg/L)	30
Chemical Oxygen Demand (COD)	120

#### SPECIAL CONDITIONS

1. Stormwater Outfalls and Authorized Non-Stormwater Discharges
2. Best Management Practices
3. Stormwater Monitoring Requirements
4. Routine Inspections
5. Preparedness, Prevention and Contingency (PPC) Plan

CONTINUED on the next page.

### Summary of Review

#### SUPPLEMENTAL REPORTS

1. Stormwater Annual Report Form
2. Lab Accreditation Form
3. Non-Compliance Report Form
4. Daily Effluent Monitoring Form

#### PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ.

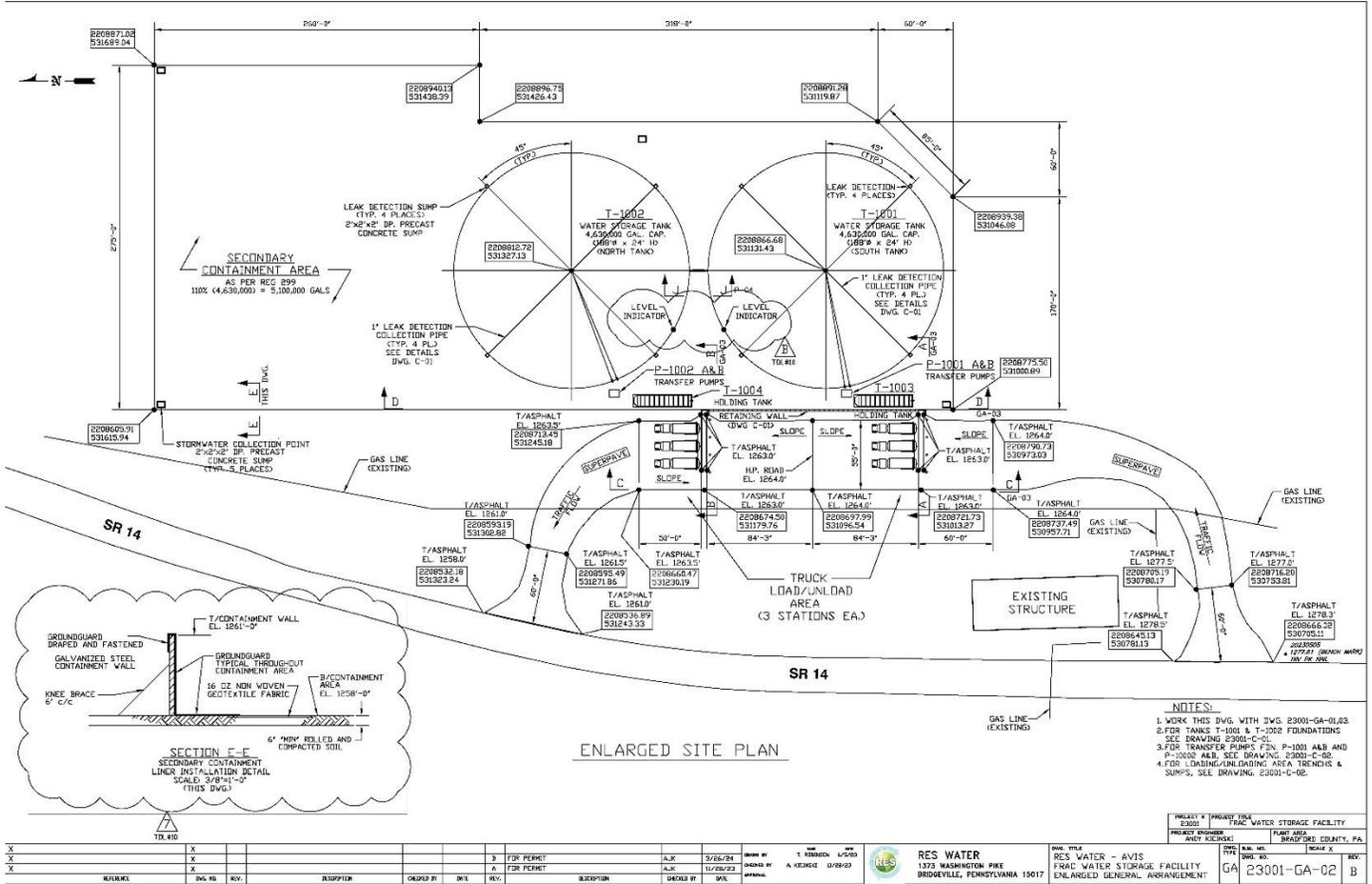
Outfall 001 - Effective Period: Permit Effective Date through Permit Expiration Date

Discharge Parameter	Mass Limits (lb/day)		Concentration Limits (mg/L, unless noted)				Monitoring Requirements	
	Monthly Average	Daily Maximum	Minimum	Monthly Average	Daily Maximum	IMAX	Minimum Measurement Frequency	Required Sample Type
pH (SU)	XXX	XXX	6.0 Instantaneous Minimum	XXX	XXX	9.0	Daily When Discharging	Grab
Total Dissolved Solids	XXX	XXX	XXX	1,000	Report	XXX	Daily When Discharging	Grab
Total Suspended Solids	XXX	XXX	XXX	Report	Report	XXX	Daily When Discharging	Grab
Chemical Oxygen Demand	XXX	XXX	XXX	Report	Report	XXX	1/6 Months	Grab
Osmotic Pressure (mOs/kg)	XXX	XXX	XXX	Report	Report	XXX	1/6 Months	Grab
Oil & Grease	XXX	XXX	XXX	Report	Report	XXX	1/6 Months	Grab

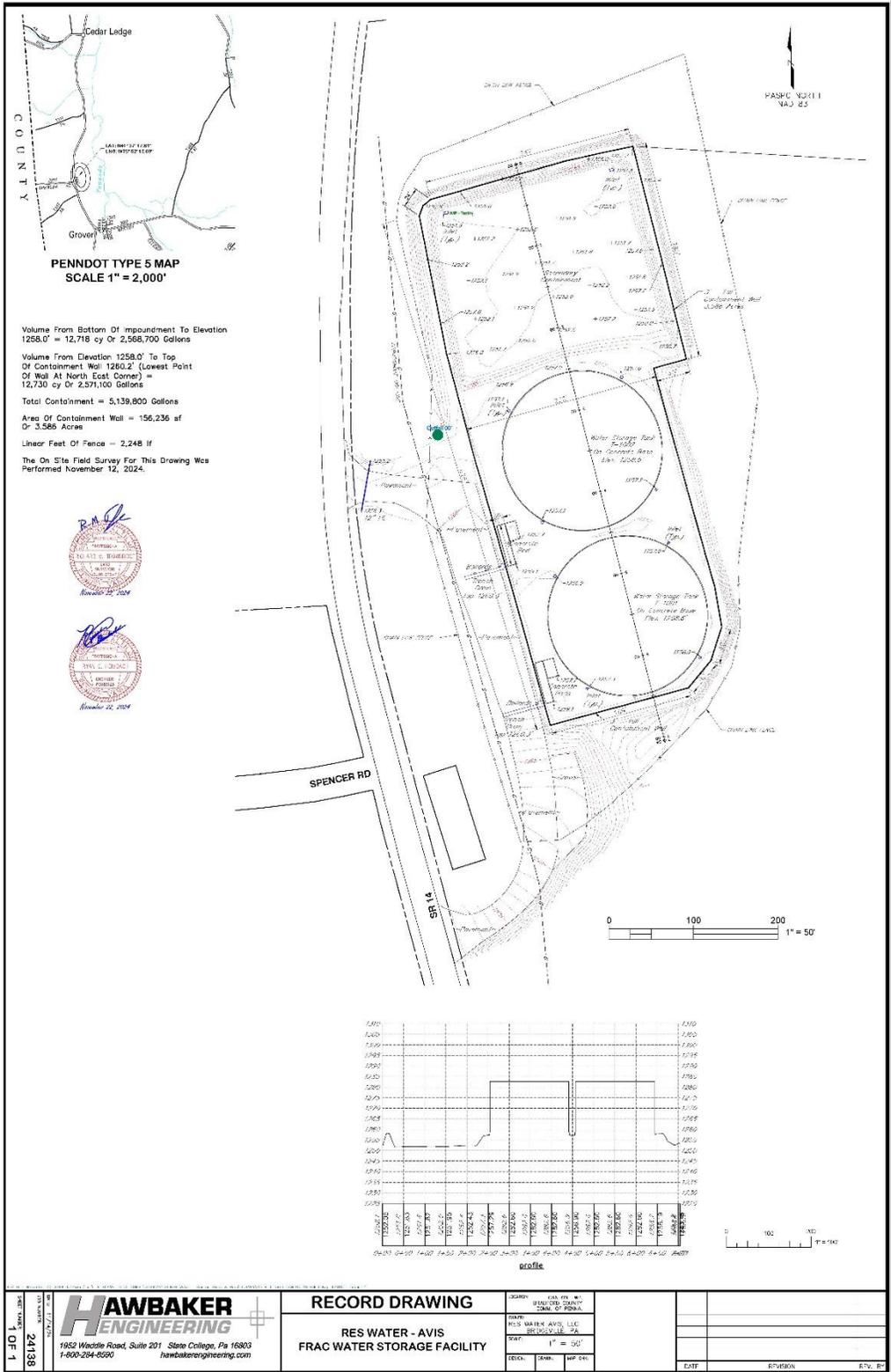
END of Fact Sheet.



ATTACHMENT 02



ATTACHMENT 03



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